

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptanscl625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	OCT 02	CA/CAPplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	3	OCT 19	BEILSTEIN updated with new compounds
NEWS	4	NOV 15	Derwent Indian patent publication number format enhanced
NEWS	5	NOV 19	WPIX enhanced with XML display format
NEWS	6	NOV 30	ICSD reloaded with enhancements
NEWS	7	DEC 04	LINPADOCDB now available on STN
NEWS	8	DEC 14	BEILSTEIN pricing structure to change
NEWS	9	DEC 17	USPATOLD added to additional database clusters
NEWS	10	DEC 17	IMSDRUGCONF removed from database clusters and STN
NEWS	11	DEC 17	DGENE now includes more than 10 million sequences
NEWS	12	DEC 17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS	13	DEC 17	MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS	14	DEC 17	CA/CAPplus enhanced with new custom IPC display formats
NEWS	15	DEC 17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS	16	JAN 02	STN pricing information for 2008 now available
NEWS	17	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	18	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	19	JAN 28	MARPAT searching enhanced
NEWS	20	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	21	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	22	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	23	FEB 08	STN Express, Version 8.3, now available
NEWS	24	FEB 20	PCI now available as a replacement to DPCI
NEWS	25	FEB 25	IFIREF reloaded with enhancements
NEWS	26	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	27	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 18:40:05 ON 07 MAR 2008

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 18:40:17 ON 07 MAR 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 MAR 2008 HIGHEST RN 1006950-27-1

DICTIONARY FILE UPDATES: 6 MAR 2008 HIGHEST RN 1006950-27-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

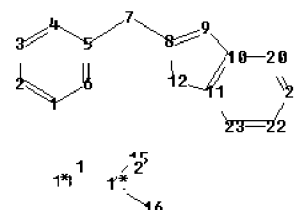
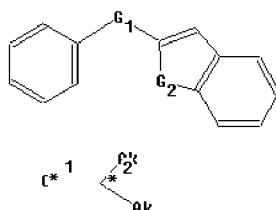
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10579564.str



```

chain nodes :
7 14 15 16
ring nodes :
1 2 3 4 5 6 8 9 10 11 12 13 20 21 22 23
chain bonds :
5-7 7-8 14-15 14-16
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-12 9-10 10-11 10-20 11-12 11-23 20-21
21-22 22-23
exact/norm bonds :
5-7 7-8 8-9 8-12 9-10 11-12 14-15 14-16
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-20 11-23 20-21 21-22 22-23

```

G1:[\*1],[\*2]

G2:O,S

Match level :

```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 20:Atom 21:Atom 22:Atom
23:Atom

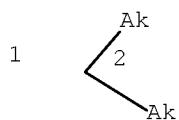
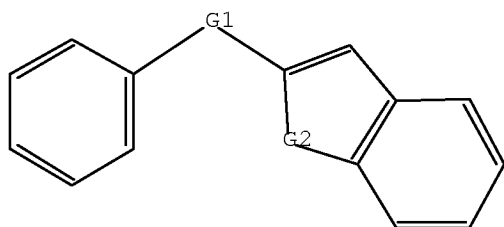
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L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 [@1],[@2]  
G2 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s sss sam l1

SAMPLE SEARCH INITIATED 18:40:59 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 5129 TO ITERATE

39.0% PROCESSED 2000 ITERATIONS

3 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

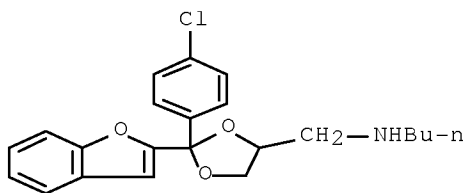
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 98286 TO 106874  
PROJECTED ANSWERS: 3 TO 319

L2 3 SEA SSS SAM L1

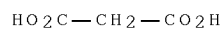
=> d scan

L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Propanedioic acid, compd. with 2-(2-benzofuranyl)-N-butyl-2-(4-chlorophenyl)-1,3-dioxolane-4-methanamine (9CI)  
MF C22 H24 Cl N O3 . x C3 H4 O4

CM 1

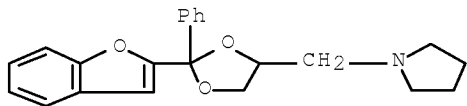


CM 2



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

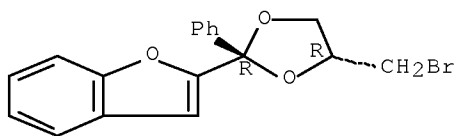
L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Pyrrolidine, 1-[[2-(2-benzofuranyl)-2-phenyl-1,3-dioxolan-4-yl]methyl]-  
MF C22 H23 N O3



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN Benzofuran, 2-[4-(bromomethyl)-2-phenyl-1,3-dioxolan-2-yl]-, cis- (9CI)  
 MF C18 H15 Br O3

Relative stereochemistry.

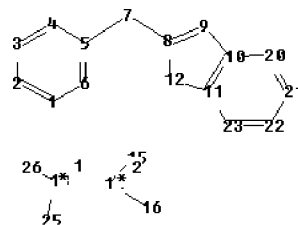
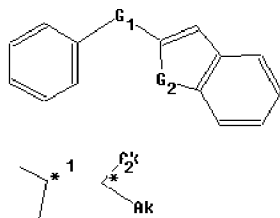


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=>

Uploading C:\Program Files\Stnexp\Queries\10579564A.str



```
chain nodes :
7 14 15 16
ring nodes :
1 2 3 4 5 6 8 9 10 11 12 13 20 21 22 23
ring/chain nodes :
25 26
chain bonds :
5-7 7-8 13-25 13-26 14-15 14-16
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-12 9-10 10-11 10-20 11-12 11-23 20-21
21-22 22-23
exact/norm bonds :
5-7 7-8 8-9 8-12 9-10 11-12 13-25 13-26 14-15 14-16
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-20 11-23 20-21 21-22 22-23
```

G1:[\*1],[\*2]

G2:O,S

Match level :

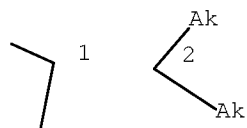
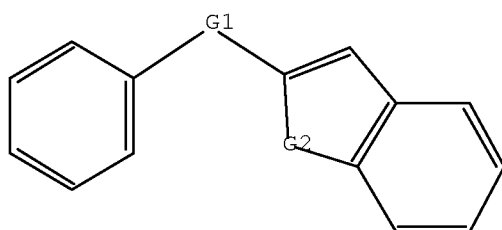
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 20:Atom 21:Atom 22:Atom  
23:Atom 25:CLASS  
26:CLASS

L3 STRUCTURE UPLOADED

=> d l3

L3 HAS NO ANSWERS

L3 STR



G1 [@1],[@2]  
G2 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s sss sam l3

SAMPLE SEARCH INITIATED 18:44:38 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 5129 TO ITERATE

39.0% PROCESSED 2000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 98286 TO 106874

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=> s sss full l3

FULL SEARCH INITIATED 18:48:07 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 99103 TO ITERATE

100.0% PROCESSED 99103 ITERATIONS  
SEARCH TIME: 00.00.03

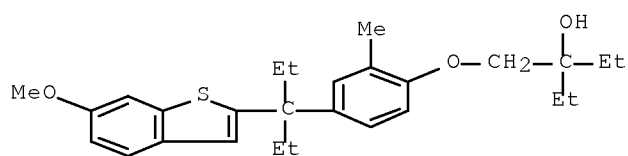
107 ANSWERS

L5 107 SEA SSS FUL L3

=> save 15 LU10579564/A  
ANSWER SET L5 HAS BEEN SAVED AS 'LU10579564/A'

=> d scan

L5 107 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 3-Pentanol, 3-[[4-[1-ethyl-1-(6-methoxybenzo[b]thien-2-yl)propyl]-2-methylphenoxy]methyl]-  
MF C27 H36 O3 S

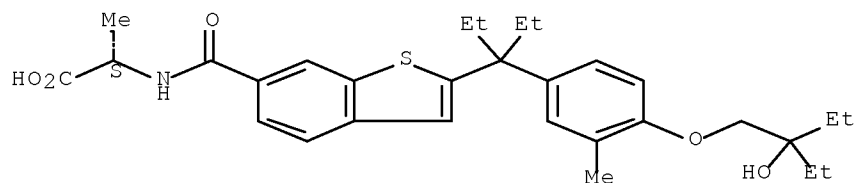


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

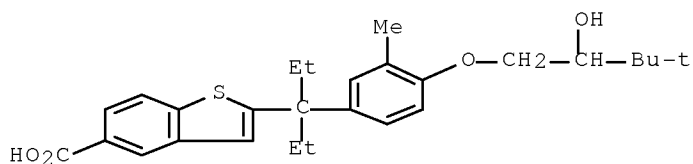
L5 107 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN L-Alanine, N-[[2-[1-ethyl-1-[4-(2-ethyl-2-hydroxybutoxy)-3-methylphenyl]propyl]benzo[b]thien-6-yl]carbonyl]-  
MF C30 H39 N O5 S

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L5 107 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Benzo[b]thiophene-5-carboxylic acid, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-  
MF C27 H34 O4 S

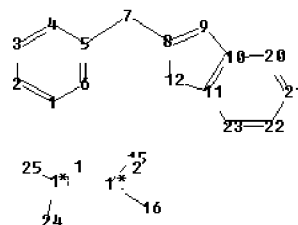
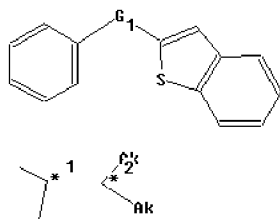


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=>

Uploading C:\Program Files\Stnexp\Queries\10579564B.str



```

chain nodes :
7 14 15 16
ring nodes :
1 2 3 4 5 6 8 9 10 11 12 13 20 21 22 23
ring/chain nodes :
24 25
chain bonds :
5-7 7-8 13-24 13-25 14-15 14-16
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-12 9-10 10-11 10-20 11-12 11-23 20-21
21-22 22-23
exact/norm bonds :
5-7 7-8 8-9 8-12 9-10 11-12 14-15 14-16
exact bonds :
13-24 13-25
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-20 11-23 20-21 21-22 22-23

```

G1:[\*1],[\*2]

Match level :

```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 20:Atom 21:Atom 22:Atom

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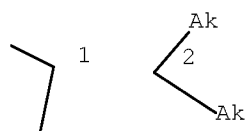
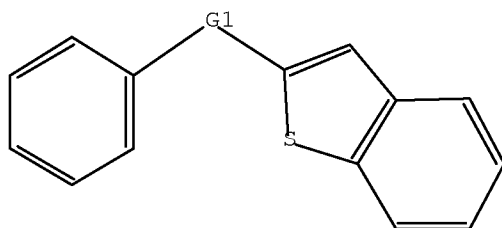
23:Atom 24:CLASS  
25:CLASS

L6 STRUCTURE UPLOADED

=> d 16

L6 HAS NO ANSWERS

L6 STR



G1 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

=> s sss 16 subset=15 sam

SAMPLE SUBSET SEARCH INITIATED 18:51:42 FILE 'REGISTRY'

SAMPLE SUBSET SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):

ONLINE \*\*COMPLETE\*\*

PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):

0 TO 0

PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):

0 TO 0

L7 0 SEA SUB=L5 SSS SAM L6

=> s sss 16 subset=15 full

FULL SUBSET SEARCH INITIATED 18:51:50 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 38 TO ITERATE

100.0% PROCESSED 38 ITERATIONS

38 ANSWERS

SEARCH TIME: 00.00.01

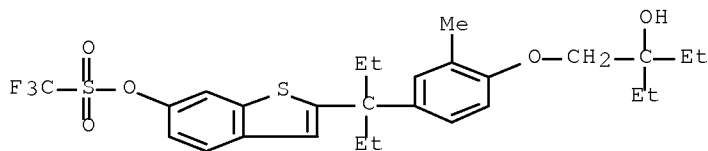
L8 38 SEA SUB=L5 SSS FUL L6

=> d scan

L8 38 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Methanesulfonic acid, trifluoro-, 2-[1-ethyl-1-[4-(2-ethyl-2-

hydroxybutoxy)-3-methylphenyl]propyl]benzo[b]thiophene-6-yl ester (9CI)  
 MF C27 H33 F3 O5 S2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s 15 not 18

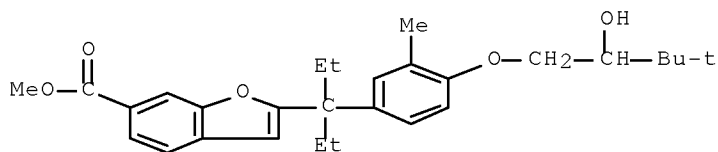
L9 69 L5 NOT L8

=> d scan

L9 69 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 6-Benzofurancarboxylic acid, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-, methyl ester

MF C28 H36 O5



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

230.12

230.33

FILE 'CAPLUS' ENTERED AT 18:53:23 ON 07 MAR 2008

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FILE COVERS 1907 - 7 Mar 2008 VOL 148 ISS 11  
FILE LAST UPDATED: 6 Mar 2008 (20080306/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l8

L10 1 L8

=> d ibib abs hitstr

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2005:493602 CAPLUS Full-text  
DOCUMENT NUMBER: 143:43764  
TITLE: Preparation of substituted benzothiophenes as vitamin D receptor modulators  
INVENTOR(S): Lu, Jianliang; Ma, Tainwei; Nagpal, Sunil; Shen, Quanrong; Warshawsky, Alan M.; Yee, Ying Kwong; Rupp, Michael John  
PATENT ASSIGNEE(S): Eli Lilly and Company, USA  
SOURCE: PCT Int. Appl., 308 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

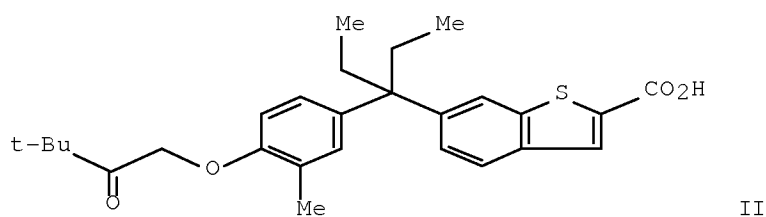
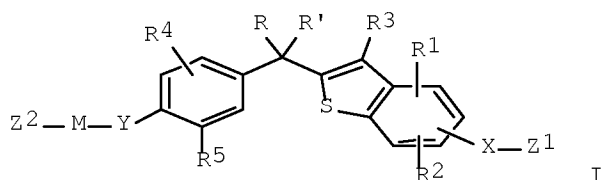
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005051940	A2	20050609	WO 2004-US37181	20041116
WO 2005051940	A3	20050811		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2544522	A1	20050609	CA 2004-2544522	20041116
EP 1687292	A2	20060809	EP 2004-819516	20041116
EP 1687292	B1	20070822		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS			
JP 2007512329	T	20070517	JP 2006-541233	20041116
AT 370941	T	20070915	AT 2004-819516	20041116

US 2007149810  
PRIORITY APPLN. INFO.:

A1 20070628  
MARPAT 143:43764  
GI

US 2006-579564 20060512  
US 2003-523600P P 20031120  
WO 2004-US37181 W 20041116

OTHER SOURCE(S):  
GI



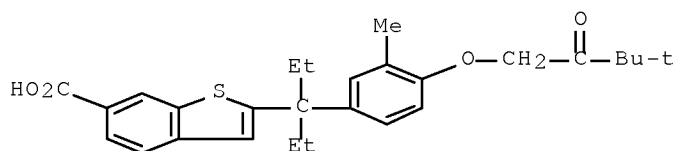
AB Title compds. I [R, R' = alkyl, fluoroalkyl, etc.; R5, R2 = H, halo, alkyl, fluoroalkyl, etc.; R4, R3, R1 = H, halo, alkyl, fluoroalkyl, etc.; X, Y, M = divalent linking groups; Z2 = branched alkyl, 3-methyl-3-hydroxypentyl, etc.; Z1 = alk(en)yl, cycloalkoxy, etc.] are prepared For instance, II is prepared in 5 steps from 2-fluoro-4-iodo-3- trimethylsilanylbenzaldehyde, mercaptoacetic acid, ethylmagnesium bromide, 3-pentanone, o-cresol and 1-bromopinacolone. II has an EC50 = 234 nM in a vitamin D receptor assay. I are less hypercalcemic than 1 $\alpha$ ,25-dihydroxy vitamin D3 and are useful for the treatment of bone disease and psoriasis.

IT 853600-60-9P 853600-62-1P 853600-70-1P  
853600-72-3P 853600-75-6P 853600-80-3P  
853600-82-5P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of substituted benzothiophenes as vitamin D receptor modulators)

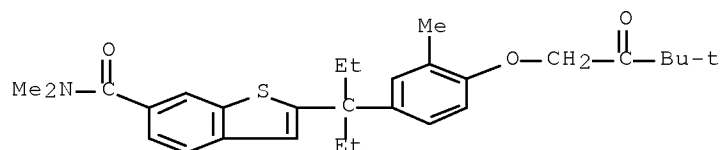
RN 853600-60-9 CAPLUS

CN Benzo[b]thiophene-6-carboxylic acid, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]- (CA INDEX NAME)



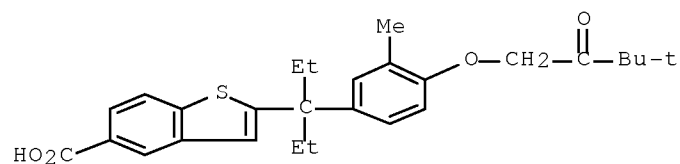
RN 853600-62-1 CAPLUS

CN Benzo[b]thiophene-6-carboxamide, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]-N,N-dimethyl- (CA INDEX NAME)



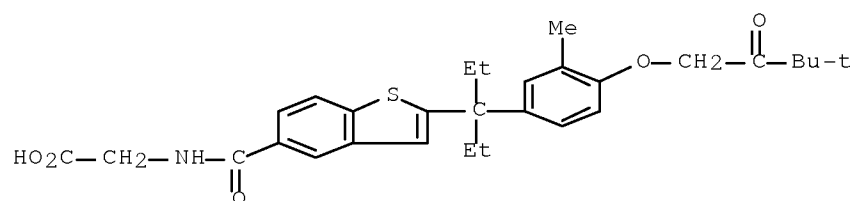
RN 853600-70-1 CAPLUS

CN Benzo[b]thiophene-5-carboxylic acid, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]- (CA INDEX NAME)



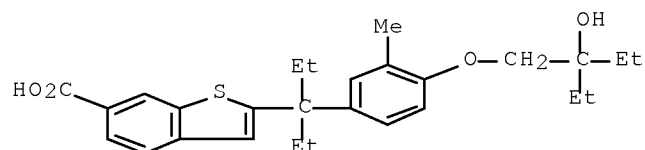
RN 853600-72-3 CAPLUS

CN Glycine, N-[[2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]benzo[b]thien-5-yl]carbonyl]- (CA INDEX NAME)



RN 853600-75-6 CAPLUS

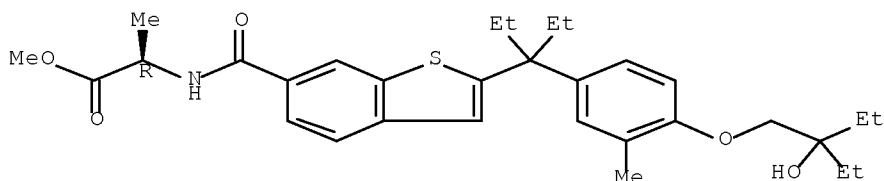
CN Benzo[b]thiophene-6-carboxylic acid, 2-[1-ethyl-1-[4-(2-ethyl-2-hydroxybutoxy)-3-methylphenyl]propyl]- (CA INDEX NAME)



RN 853600-80-3 CAPLUS

CN D-Alanine, N-[[2-[1-ethyl-1-[4-(2-ethyl-2-hydroxybutoxy)-3-methylphenyl]propyl]benzo[b]thien-6-yl]carbonyl]-, methyl ester (CA INDEX NAME)

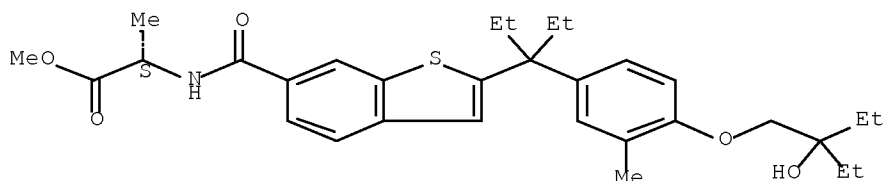
Absolute stereochemistry.



RN 853600-82-5 CAPLUS

CN L-Alanine, N-[[2-[1-ethyl-1-[4-(2-ethyl-2-hydroxybutoxy)-3-methylphenyl]propyl]benzo[b]thien-6-yl]carbonyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



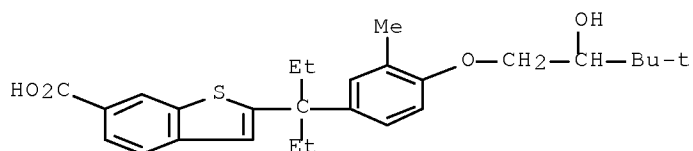
IT 853600-61-0P 853600-63-2P 853600-64-3P  
853600-65-4P 853600-71-2P 853600-73-4P  
853600-74-5P 853600-77-8P 853600-78-9P  
853600-79-0P 853600-81-4P 853600-83-6P  
853600-84-7P 853600-85-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted benzothiophenes as vitamin D receptor modulators)

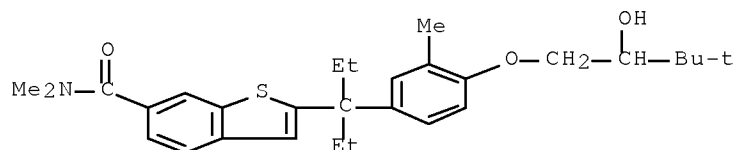
RN 853600-61-0 CAPLUS

CN Benzo[b]thiophene-6-carboxylic acid, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]- (CA INDEX NAME)



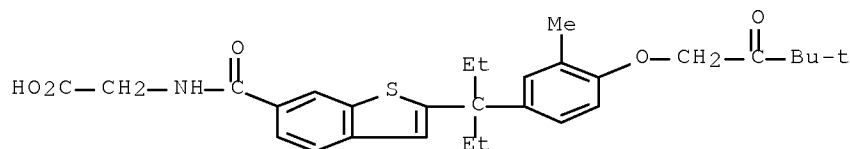
RN 853600-63-2 CAPLUS

CN Benzo[b]thiophene-6-carboxamide, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-N,N-dimethyl- (CA INDEX NAME)



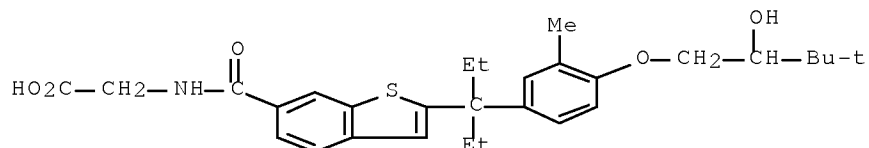
RN 853600-64-3 CAPLUS

CN Glycine, N-[[2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]benzo[b]thien-6-yl]carbonyl]- (CA INDEX NAME)



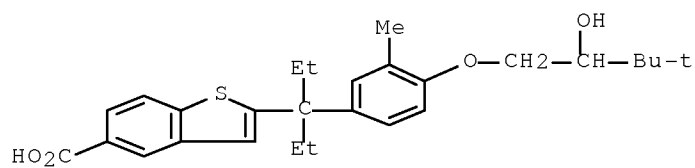
RN 853600-65-4 CAPLUS

CN Glycine, N-[[2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]benzo[b]thien-6-yl]carbonyl]- (CA INDEX NAME)



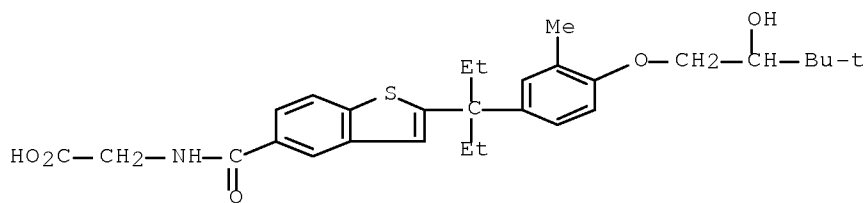
RN 853600-71-2 CAPLUS

CN Benzo[b]thiophene-5-carboxylic acid, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]- (CA INDEX NAME)



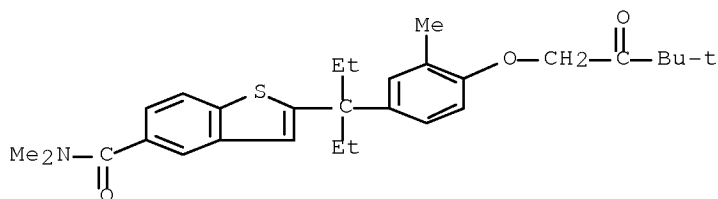
RN 853600-73-4 CAPLUS

CN Glycine, N-[[2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]benzo[b]thien-5-yl]carbonyl]- (CA INDEX NAME)



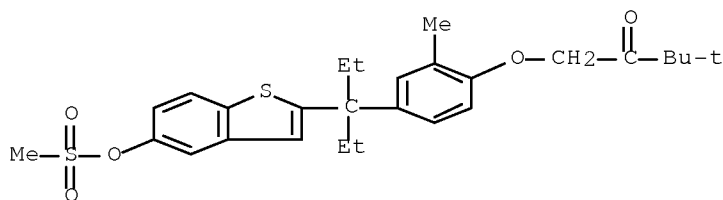
RN 853600-74-5 CAPLUS

CN Benzo[b]thiophene-5-carboxamide, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]-N,N-dimethyl- (CA INDEX NAME)



RN 853600-77-8 CAPLUS

CN 2-Butanone, 1-[4-[1-ethyl-1-[5-[(methylsulfonyl)oxy]benzo[b]thien-2-yl]propyl]-2-methylphenoxy]-3,3-dimethyl- (CA INDEX NAME)

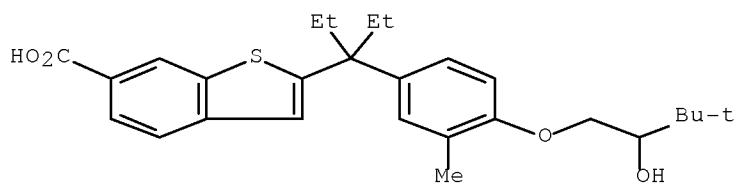


RN 853600-78-9 CAPLUS

CN Benzo[b]thiophene-6-carboxylic acid, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-, (+)- (CA INDEX NAME)

Rotation (+).

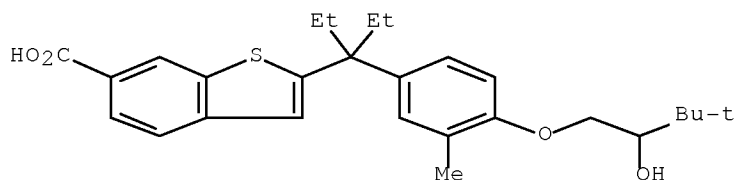




RN 853600-79-0 CAPLUS

CN Benzo[b]thiophene-6-carboxylic acid, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-, (-)- (CA INDEX NAME)

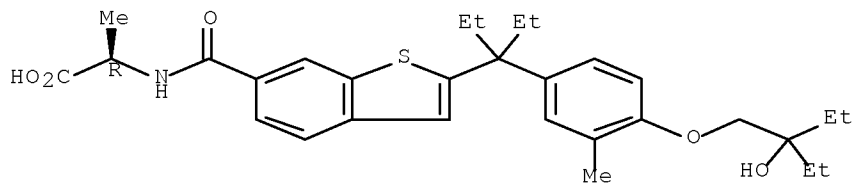
Rotation (-).



RN 853600-81-4 CAPLUS

CN D-Alanine, N-[[2-[1-ethyl-1-[4-(2-ethyl-2-hydroxybutoxy)-3-methylphenyl]propyl]benzo[b]thien-6-yl]carbonyl]- (CA INDEX NAME)

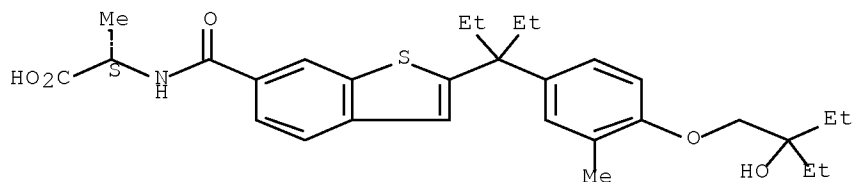
Absolute stereochemistry.



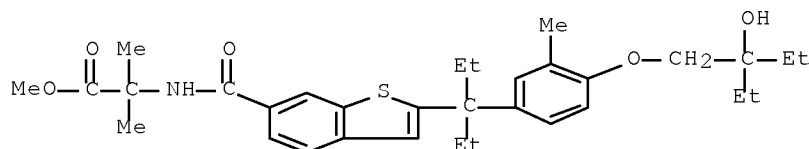
RN 853600-83-6 CAPLUS

CN L-Alanine, N-[[2-[1-ethyl-1-[4-(2-ethyl-2-hydroxybutoxy)-3-methylphenyl]propyl]benzo[b]thien-6-yl]carbonyl]- (CA INDEX NAME)

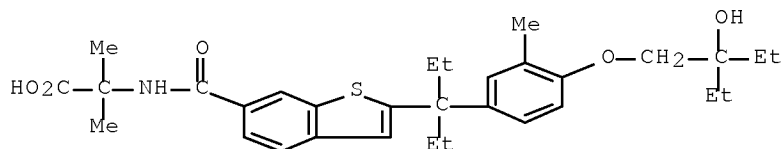
Absolute stereochemistry.



RN 853600-84-7 CAPLUS  
 CN Alanine, N-[[2-[1-ethyl-1-[4-(2-ethyl-2-hydroxybutoxy)-3-methylphenyl]propyl]benzo[b]thien-6-yl]carbonyl]-2-methyl-, methyl ester (CA INDEX NAME)



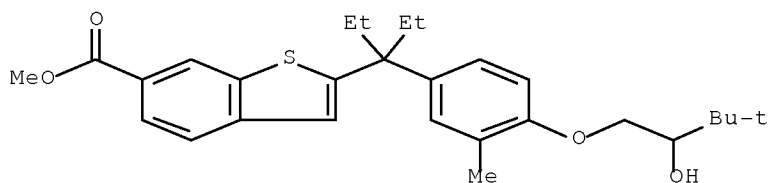
RN 853600-85-8 CAPLUS  
 CN Alanine, N-[[2-[1-ethyl-1-[4-(2-ethyl-2-hydroxybutoxy)-3-methylphenyl]propyl]benzo[b]thien-6-yl]carbonyl]-2-methyl- (CA INDEX NAME)



IT 853601-14-6P 853601-20-4P  
 RL: PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of substituted benzothiophenes as vitamin D receptor modulators)

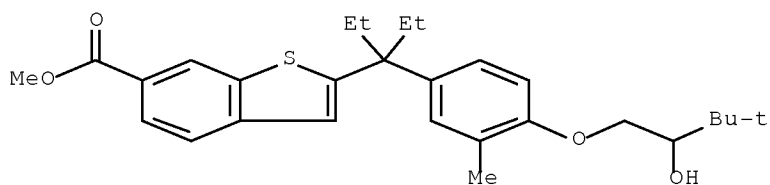
RN 853601-14-6 CAPLUS  
 CN Benzo[b]thiophene-6-carboxylic acid, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-, methyl ester, (+)- (CA INDEX NAME)

Rotation (+).



RN 853601-20-4 CAPLUS  
 CN Benzo[b]thiophene-6-carboxylic acid, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-, methyl ester, (-)- (CA INDEX NAME)

Rotation (-).

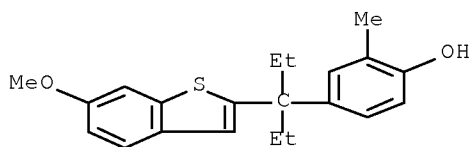


IT 853601-15-7

RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of substituted benzothiophenes as vitamin D receptor modulators)

RN 853601-15-7 CAPLUS

CN Phenol, 4-[1-ethyl-1-(6-methoxybenzo[b]thien-2-yl)propyl]-2-methyl- (CA INDEX NAME)

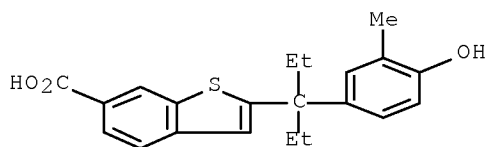


IT 853600-91-6P 853600-92-7P 853600-93-8P  
853601-03-3P 853601-05-5P 853601-06-6P  
853601-07-7P 853601-08-8P 853601-09-9P  
853601-10-2P 853601-11-3P 853601-12-4P  
853601-13-5P 853601-16-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of substituted benzothiophenes as vitamin D receptor modulators)

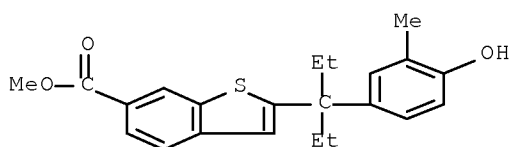
RN 853600-91-6 CAPLUS

CN Benzo[b]thiophene-6-carboxylic acid, 2-[1-ethyl-1-(4-hydroxy-3-methylphenyl)propyl]- (CA INDEX NAME)



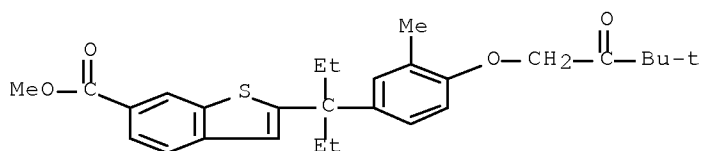
RN 853600-92-7 CAPLUS

CN Benzo[b]thiophene-6-carboxylic acid, 2-[1-ethyl-1-(4-hydroxy-3-methylphenyl)propyl]-, methyl ester (CA INDEX NAME)



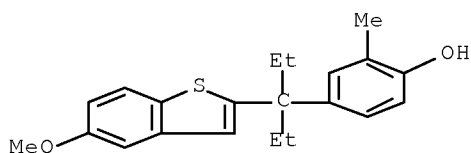
RN 853600-93-8 CAPLUS

CN Benzo[b]thiophene-6-carboxylic acid, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]-, methyl ester (CA INDEX NAME)



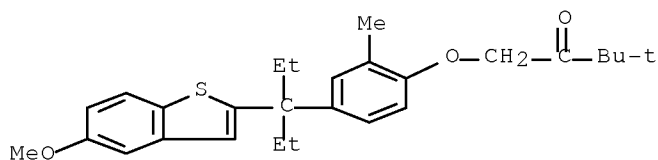
RN 853601-03-3 CAPLUS

CN Phenol, 4-[1-ethyl-1-(5-methoxybenzo[b]thien-2-yl)propyl]-2-methyl- (CA INDEX NAME)



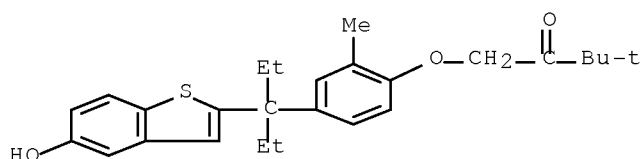
RN 853601-05-5 CAPLUS

CN 2-Butanone, 1-[4-[1-ethyl-1-(5-methoxybenzo[b]thien-2-yl)propyl]-2-methylphenoxy]-3,3-dimethyl- (CA INDEX NAME)



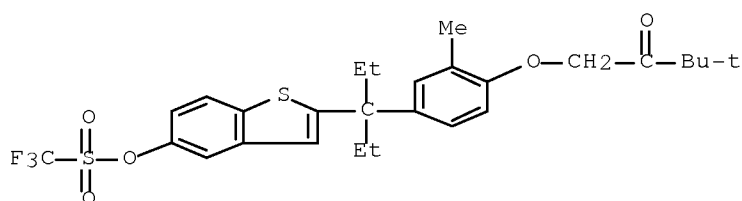
RN 853601-06-6 CAPLUS

CN 2-Butanone, 1-[4-[1-ethyl-1-(5-hydroxybenzo[b]thien-2-yl)propyl]-2-methylphenoxy]-3,3-dimethyl- (CA INDEX NAME)



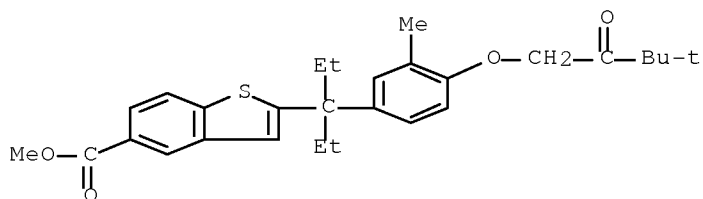
RN 853601-07-7 CAPLUS

CN Methanesulfonic acid, trifluoro-, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]benzo[b]thiophene-5-yl ester (9CI) (CA INDEX NAME)



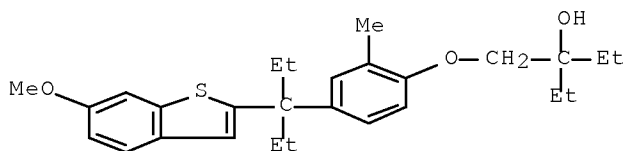
RN 853601-08-8 CAPLUS

CN Benzo[b]thiophene-5-carboxylic acid, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]-, methyl ester (CA INDEX NAME)



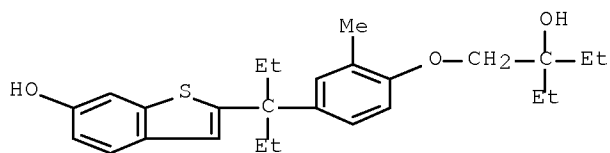
RN 853601-09-9 CAPLUS

CN 3-Pentanol, 3-[[4-[1-ethyl-1-(6-methoxybenzo[b]thien-2-yl)propyl]-2-methylphenoxy]methyl]- (CA INDEX NAME)



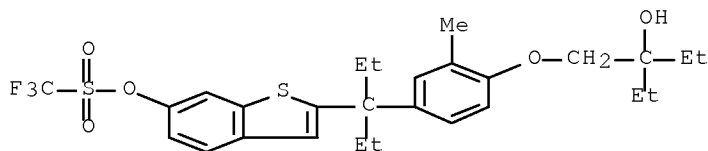
RN 853601-10-2 CAPLUS

CN Benzo[b]thiophene-6-ol, 2-[1-ethyl-1-[4-(2-ethyl-2-hydroxybutoxy)-3-methylphenyl]propyl]- (CA INDEX NAME)



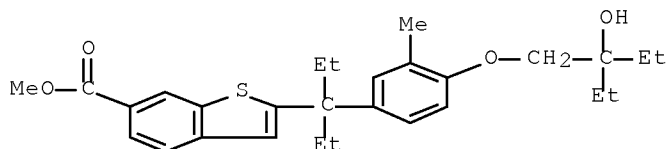
RN 853601-11-3 CAPLUS

CN Methanesulfonic acid, trifluoro-, 2-[1-ethyl-1-[4-(2-ethyl-2-hydroxybutoxy)-3-methylphenyl]propyl]benzo[b]thiophene-6-yl ester (9CI)  
(CA INDEX NAME)



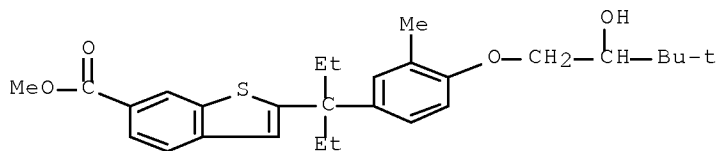
RN 853601-12-4 CAPLUS

CN Benzo[b]thiophene-6-carboxylic acid, 2-[1-ethyl-1-[4-(2-ethyl-2-hydroxybutoxy)-3-methylphenyl]propyl]-, methyl ester (CA INDEX NAME)



RN 853601-13-5 CAPLUS

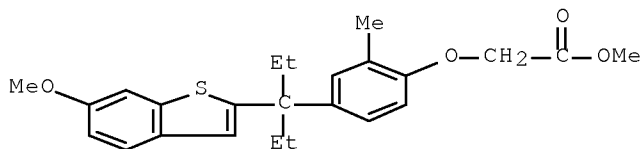
CN Benzo[b]thiophene-6-carboxylic acid, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-, methyl ester (CA INDEX NAME)



RN 853601-16-8 CAPLUS

CN Acetic acid, [4-[1-ethyl-1-(6-methoxybenzo[b]thien-2-yl)propyl]-2-

methylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



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L11 5 L9

=> d ibib abs hitstr 1-5

L11 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:216966 CAPLUS Full-text

DOCUMENT NUMBER: 144:270168

TITLE: Regulating PAS domain function with foreign PAS ligands

INVENTOR(S): Gardner, Kevin H.; Amezcua, Carlos A.; Erbel, Paulus J. A.; Card, Paul B.; Harper, Shannon; Rutter, Jared; Bruick, Richard; McKnight, Steven L.

PATENT ASSIGNEE(S): Board of Regents, The University of Texas System, USA

SOURCE: U.S. Pat. Appl. Publ., 18 pp., Cont.-in-part of U.S. Ser. No. 677,734.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2006051829	A1	20060309	US 2005-245742	20051011
US 6319679	B1	20011120	US 2001-770170	20010126
US 2003059917	A1	20030327	US 2001-59962	20011119
US 7132278	B2	20061107		
US 2005074846	A1	20050407	US 2003-677734	20031001
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			US 2001-59962	A1 20011119
			US 2003-677734	A2 20031001

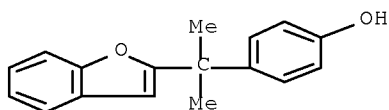
AB A functional surface binding specificity of a PAS domain, wherein the PAS domain is predetd., prefolded in its native state, and comprises a hydrophobic core that has no NMR-apparent a priori formed ligand cavity, is changed by (a) introducing into the hydrophobic core of the PAS domain a foreign ligand of the PAS domain; and (b) detecting a change in the functional surface binding specificity of the PAS domain. The PAS domain is part of PAS kinase.

IT 877820-07-0

RL: BSU (Biological study, unclassified); CST (Combinatorial study, unclassified); BIOL (Biological study); CMBI (Combinatorial study) (regulating PAS domain function with foreign PAS ligands)

RN 877820-07-0 CAPLUS

CN Phenol, 4-[1-(2-benzofuranyl)-1-methylethyl]- (CA INDEX NAME)



L11 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:490363 CAPLUS Full-text

DOCUMENT NUMBER: 143:43763

TITLE: Preparation of substituted benzofuran vitamin d receptor modulators

INVENTOR(S): Lu, Jianliang; Ma, Tianwei; Nagpal, Sunil; Shen, Quanrong; Warshawsky, Alan M.; Ochoada, Jason Matthew; Yee, Ying Kwong

PATENT ASSIGNEE(S): Eli Lilly and Company, USA

SOURCE: PCT Int. Appl., 322 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

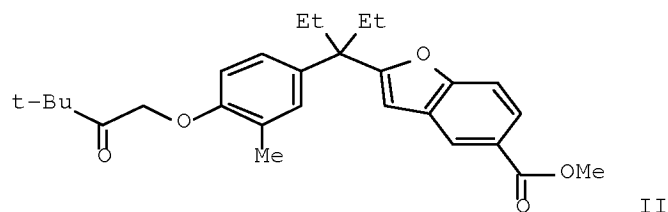
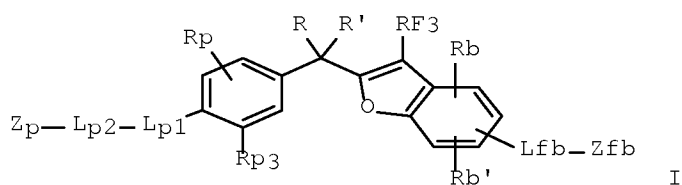
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005051938	A1	20050609	WO 2004-US35529	20041116
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CA 2544857	A1	20050609	CA 2004-2544857	20041116
EP 1687289	A1	20060809	EP 2004-800486	20041116
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
JP 2007512327	T	20070517	JP 2006-541192	20041116
US 2007106095	A1	20070510	US 2006-579563	20060512
PRIORITY APPLN. INFO.:			US 2003-523905P	P 20031120
			WO 2004-US35529	W 20041116

OTHER SOURCE(S): MARPAT 143:43763

GI





AB Title compds. I [R, R' = alkyl, fluoroalkyl, etc.; Rp3, Rb = H, halo, alkyl, etc.; Rp, RF3, Rb' = H, halo alkyl, fluoroalkyl, etc.; Lp1, Lp2, Lfb = divalent linking groups; Zp = alkyl, 3-methyl-3-hydroxypentyl, etc.; Zfb = alkoxy, alkenyloxy, cycloalkoxy, etc.] are prepared For instance, II is prepared in 5 steps from 5-bromo-2-hydroxybenzaldehyde, bromoacetate, ethylmagnesium bromide, o-cresol and 1-bromopinacolone. In an osteocalcin promotor assay (marker for osteoporosis), II has EC50 = 1 nM. I are exhibit vitamin D receptor (VDR) modulating activity that are less hypercalcemic than 1 $\alpha$ ,25-dihydroxy vitamin D3 and are useful for treating bone disease and psoriasis.

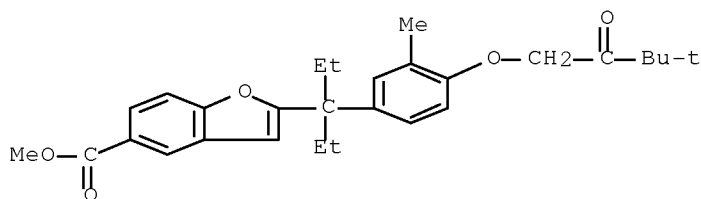
IT 853598-34-2P 853598-36-4P 853598-38-6P  
853598-39-7P 853598-42-2P 853598-43-3P  
853598-44-4P 853598-46-6P 853598-49-9P  
853598-50-2P 853598-71-7P 853598-85-3P  
853598-86-4P 853598-87-5P 853598-88-6P  
853598-89-7P 853598-90-0P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of substituted benzofuran vitamin d receptor modulators)

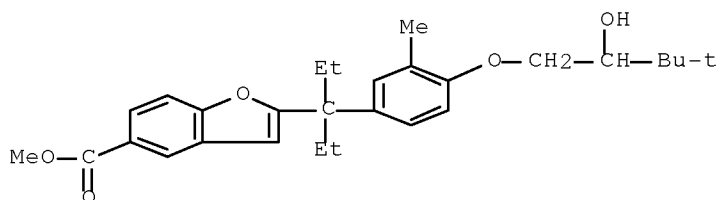
RN 853598-34-2 CAPLUS

CN 5-Benzofurancarboxylic acid, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]-, methyl ester (CA INDEX NAME)



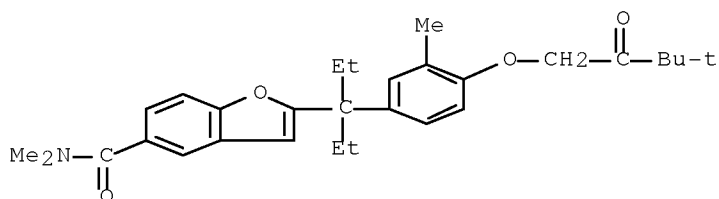
RN 853598-36-4 CAPLUS

CN 5-Benzofurancarboxylic acid, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-, methyl ester (CA INDEX NAME)



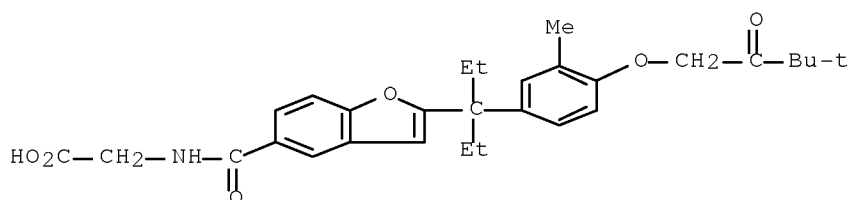
RN 853598-38-6 CAPLUS

CN 5-Benzofurancarboxamide, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]-N,N-dimethyl- (CA INDEX NAME)



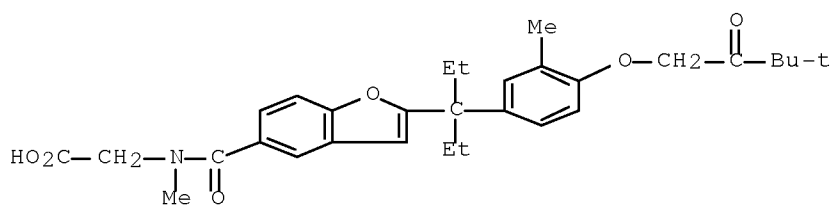
RN 853598-39-7 CAPLUS

CN Glycine, N-[[2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]-5-benzofuranyl]carbonyl]- (CA INDEX NAME)



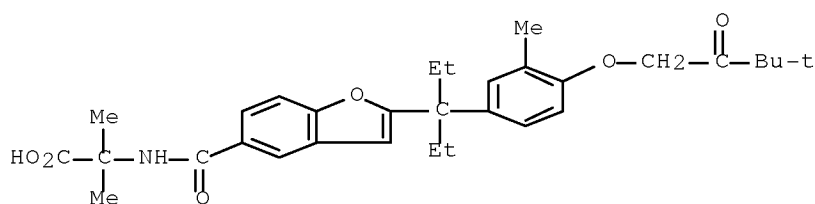
RN 853598-42-2 CAPLUS

CN Glycine, N-[[2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]-5-benzofuranyl]carbonyl]-N-methyl- (CA INDEX NAME)



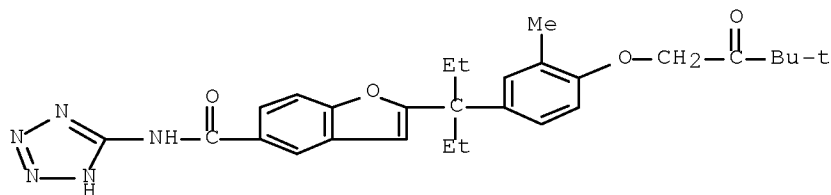
RN 853598-43-3 CAPLUS

CN Alanine, N-[[2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]-5-benzofuranyl]carbonyl]-2-methyl- (CA INDEX NAME)



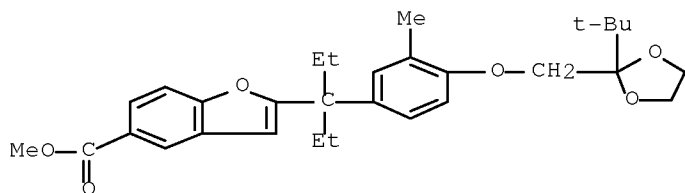
RN 853598-44-4 CAPLUS

CN 5-Benzofurancarboxamide, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]-N-1H-tetrazol-5-yl- (9CI) (CA INDEX NAME)

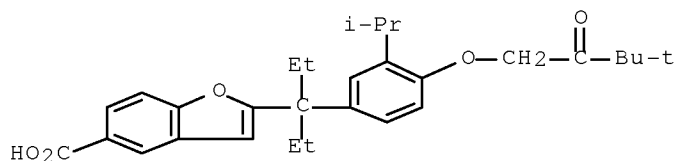


RN 853598-46-6 CAPLUS

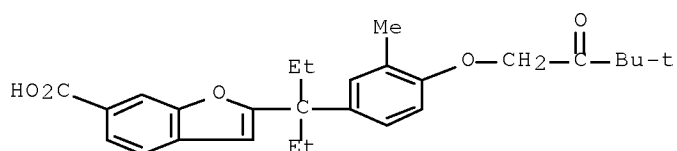
CN 5-Benzofurancarboxylic acid, 2-[1-[4-[[2-(1,1-dimethylethyl)-1,3-dioxolan-2-yl]methoxy]-3-methylphenyl]-1-ethylpropyl]-, methyl ester (CA INDEX NAME)



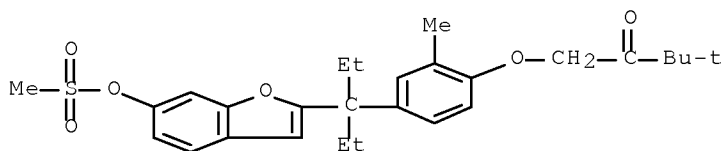
RN 853598-49-9 CAPLUS  
 CN 5-Benzofurancarboxylic acid, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-(1-methylethyl)phenyl]-1-ethylpropyl]- (CA INDEX NAME)



RN 853598-50-2 CAPLUS  
 CN 6-Benzofurancarboxylic acid, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]- (CA INDEX NAME)

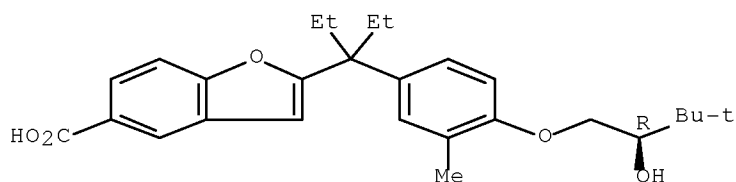


RN 853598-71-7 CAPLUS  
 CN 2-Butanone, 1-[4-[1-ethyl-1-[6-[(methylsulfonyl)oxy]-2-benzofuranyl]propyl]-2-methylphenoxy]-3,3-dimethyl- (CA INDEX NAME)



RN 853598-85-3 CAPLUS  
 CN 5-Benzofurancarboxylic acid, 2-[1-ethyl-1-[4-[(2R)-2-hydroxy-3,3-dimethylbutoxy]-3-methylphenyl]propyl]- (CA INDEX NAME)

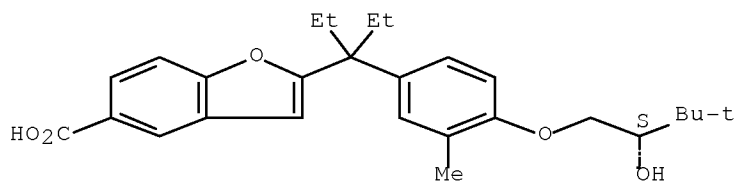
Absolute stereochemistry.



RN 853598-86-4 CAPLUS

CN 5-Benzofurancarboxylic acid, 2-[1-ethyl-1-[4-[(2S)-2-hydroxy-3,3-dimethylbutoxy]-3-methylphenyl]propyl]- (CA INDEX NAME)

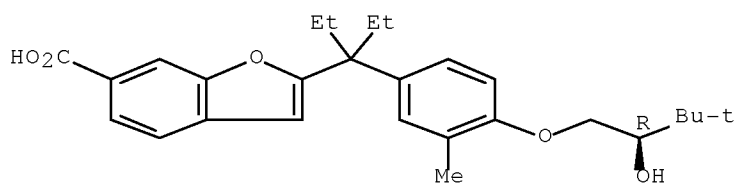
Absolute stereochemistry.



RN 853598-87-5 CAPLUS

CN 6-Benzofurancarboxylic acid, 2-[1-ethyl-1-[4-[(2R)-2-hydroxy-3,3-dimethylbutoxy]-3-methylphenyl]propyl]- (CA INDEX NAME)

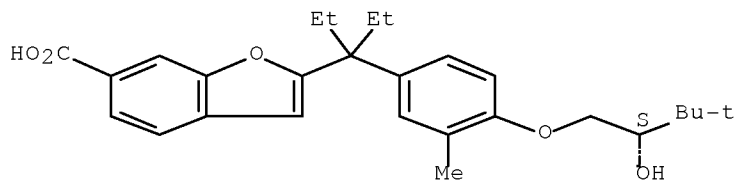
Absolute stereochemistry.



RN 853598-88-6 CAPLUS

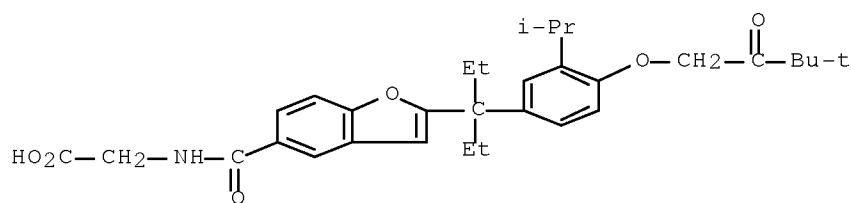
CN 6-Benzofurancarboxylic acid, 2-[1-ethyl-1-[4-[(2S)-2-hydroxy-3,3-dimethylbutoxy]-3-methylphenyl]propyl]- (CA INDEX NAME)

Absolute stereochemistry.



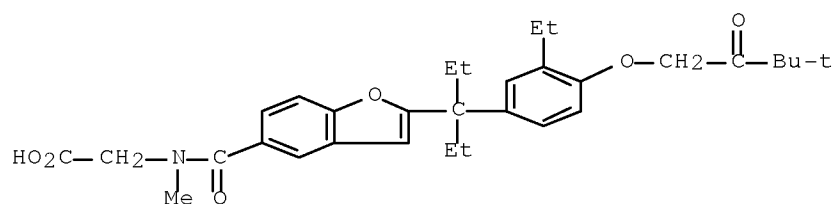
RN 853598-89-7 CAPLUS

CN Glycine, N-[[2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-(1-methylethyl)phenyl]-1-ethylpropyl]-5-benzofuranyl]carbonyl]- (CA INDEX NAME)



RN 853598-90-0 CAPLUS

CN Glycine, N-[[2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-ethylphenyl]-1-ethylpropyl]-5-benzofuranyl]carbonyl]-N-methyl- (CA INDEX NAME)



IT 853598-35-3P 853598-37-5P 853598-40-0P

853598-45-5P 853598-47-7P 853598-48-8P

853598-51-3P 853598-52-4P 853598-72-8P

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853598-81-9P 853598-94-4P 853598-95-5P

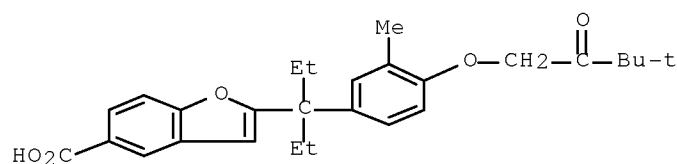
853598-96-6P 853598-97-7P 853598-98-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted benzofuran vitamin d receptor modulators)

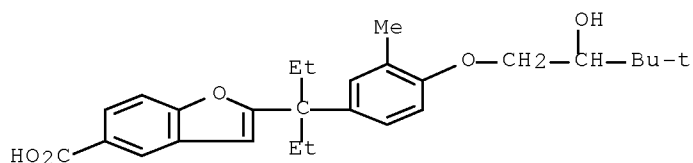
RN 853598-35-3 CAPLUS

CN 5-Benzofurancarboxylic acid, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]- (CA INDEX NAME)



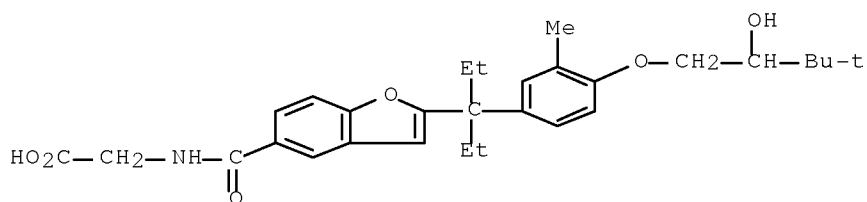
RN 853598-37-5 CAPLUS

CN 5-Benzofurancarboxylic acid, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]- (CA INDEX NAME)



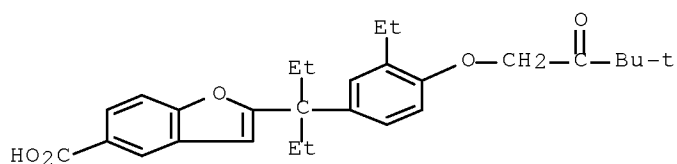
RN 853598-40-0 CAPLUS

CN Glycine, N-[[2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-5-benzofuranyl]carbonyl]- (CA INDEX NAME)



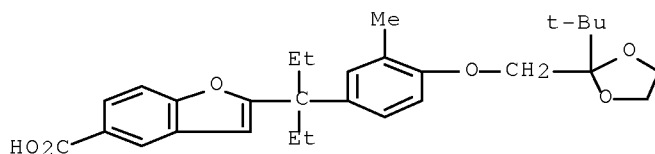
RN 853598-45-5 CAPLUS

CN 5-Benzofurancarboxylic acid, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-ethylphenyl]-1-ethylpropyl]- (CA INDEX NAME)



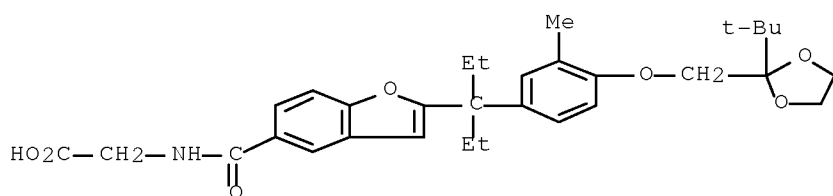
RN 853598-47-7 CAPLUS

CN 5-Benzofurancarboxylic acid, 2-[1-[4-[[2-(1,1-dimethylethyl)-1,3-dioxolan-2-yl]methoxy]-3-methylphenyl]-1-ethylpropyl]- (CA INDEX NAME)



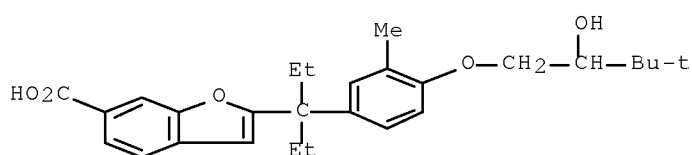
RN 853598-48-8 CAPLUS

CN Glycine, N-[[2-[1-[4-[[2-(1,1-dimethylethyl)-1,3-dioxolan-2-yl]methoxy]-3-methylphenyl]-1-ethylpropyl]-5-benzofuranyl]carbonyl]- (CA INDEX NAME)



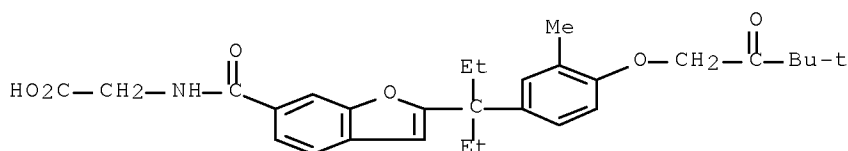
RN 853598-51-3 CAPLUS

CN 6-Benzofurancarboxylic acid, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]- (CA INDEX NAME)



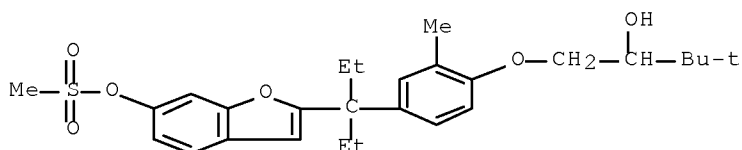
RN 853598-52-4 CAPLUS

CN Glycine, N-[[2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]-6-benzofuranyl]carbonyl]- (CA INDEX NAME)



RN 853598-72-8 CAPLUS

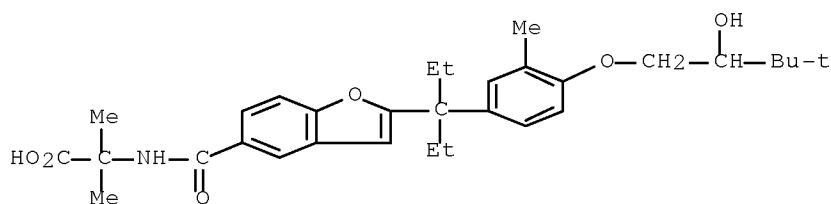
CN 6-Benzofuranol, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-, 6-(methanesulfonate) (9CI) (CA INDEX NAME)



RN 853598-73-9 CAPLUS

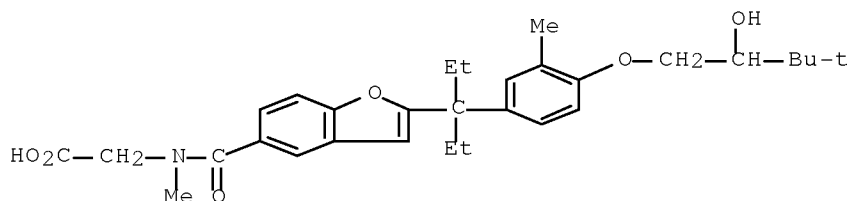
CN Alanine, N-[[2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-5-benzofuranyl]carbonyl]-2-methyl- (CA INDEX NAME)





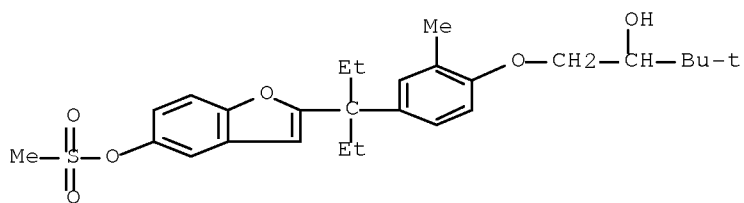
RN 853598-74-0 CAPLUS

CN Glycine, N-[[2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-5-benzofuranyl]carbonyl]-N-methyl- (CA INDEX NAME)



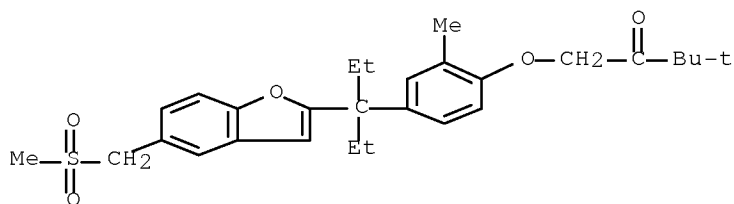
RN 853598-80-8 CAPLUS

CN 5-Benzofuranol, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-, 5-(methanesulfonate) (9CI) (CA INDEX NAME)

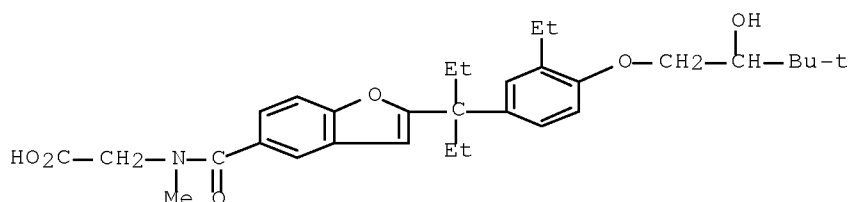


RN 853598-81-9 CAPLUS

CN 2-Butanone, 1-[4-[1-ethyl-1-[5-[(methanesulfonyl)methyl]-2-benzofuranyl]propyl]-2-methylphenoxy]-3,3-dimethyl- (CA INDEX NAME)

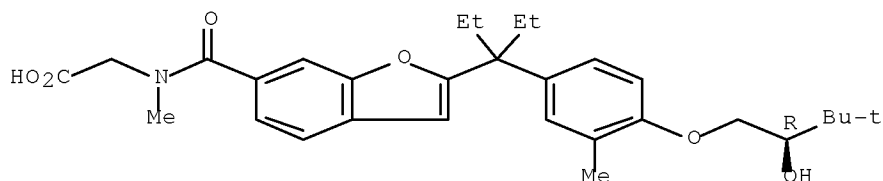


RN 853598-94-4 CAPLUS  
 CN Glycine, N-[[2-[1-ethyl-1-[3-ethyl-4-(2-hydroxy-3,3-dimethylbutoxy)phenyl]propyl]-5-benzofuranyl]carbonyl]-N-methyl- (CA INDEX NAME)



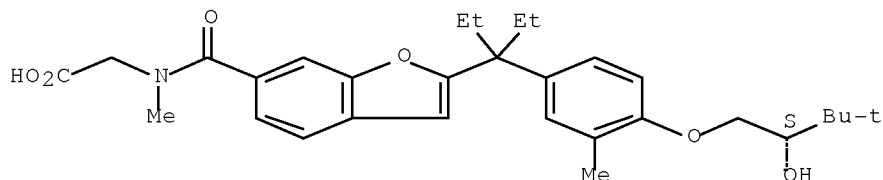
RN 853598-95-5 CAPLUS  
 CN Glycine, N-[[2-[1-ethyl-1-[4-[(2R)-2-hydroxy-3,3-dimethylbutoxy]-3-methylphenyl]propyl]-6-benzofuranyl]carbonyl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.



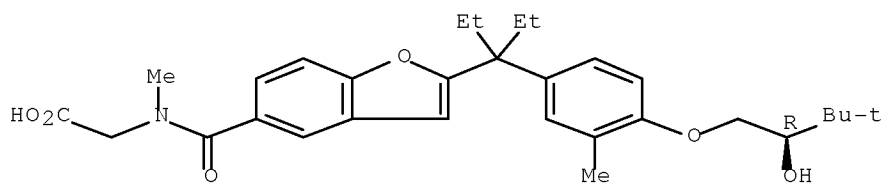
RN 853598-96-6 CAPLUS  
 CN Glycine, N-[[2-[1-ethyl-1-[4-[(2S)-2-hydroxy-3,3-dimethylbutoxy]-3-methylphenyl]propyl]-6-benzofuranyl]carbonyl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.



RN 853598-97-7 CAPLUS  
 CN Glycine, N-[[2-[1-ethyl-1-[4-[(2R)-2-hydroxy-3,3-dimethylbutoxy]-3-methylphenyl]propyl]-5-benzofuranyl]carbonyl]-N-methyl- (CA INDEX NAME)

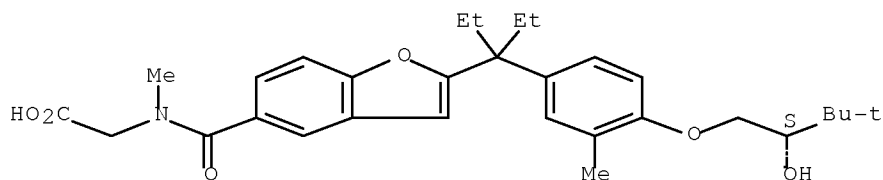
Absolute stereochemistry.



RN 853598-98-8 CAPLUS

CN Glycine, N-[[2-[1-ethyl-1-[4-[(2S)-2-hydroxy-3,3-dimethylbutoxy]-3-methylphenyl]propyl]-5-benzofuranyl]carbonyl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.



IT 853599-80-1 853599-82-3 853599-84-5

853599-85-6 853599-88-9 853599-89-0

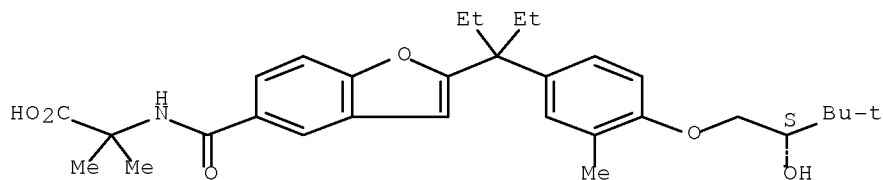
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(preparation of substituted benzofuran vitamin d receptor modulators)

RN 853599-80-1 CAPLUS

CN Alanine, N-[[2-[1-ethyl-1-[4-[(2S)-2-hydroxy-3,3-dimethylbutoxy]-3-methylphenyl]propyl]-5-benzofuranyl]carbonyl]-2-methyl- (9CI) (CA INDEX NAME)

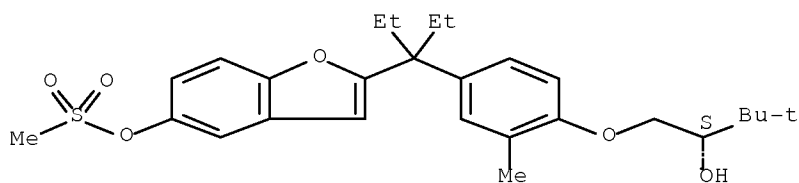
Absolute stereochemistry.



RN 853599-82-3 CAPLUS

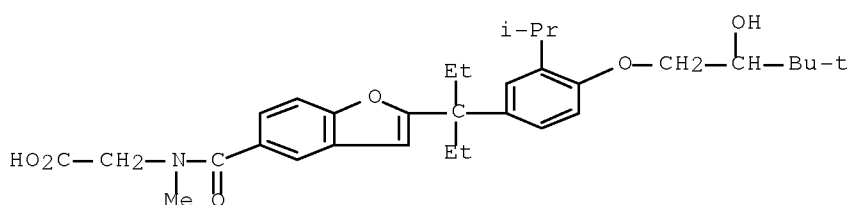
CN 5-Benzofuranol, 2-[1-ethyl-1-[4-[(2S)-2-hydroxy-3,3-dimethylbutoxy]-3-methylphenyl]propyl]-, 5-(methanesulfonyl) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



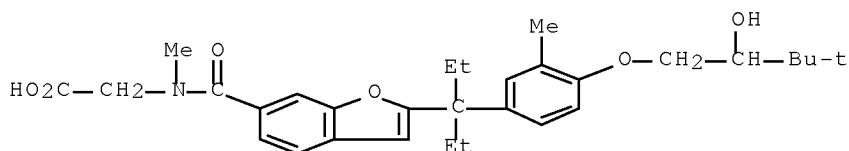
RN 853599-84-5 CAPLUS

CN Glycine, N-[[2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-(1-methylethyl)phenyl]propyl]-5-benzofuranyl]carbonyl]-N-methyl- (CA INDEX NAME)



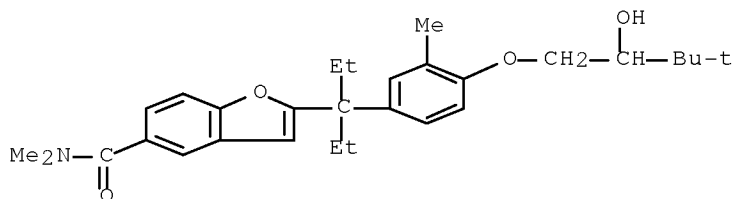
RN 853599-85-6 CAPLUS

CN Glycine, N-[[2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-6-benzofuranyl]carbonyl]-N-methyl- (CA INDEX NAME)



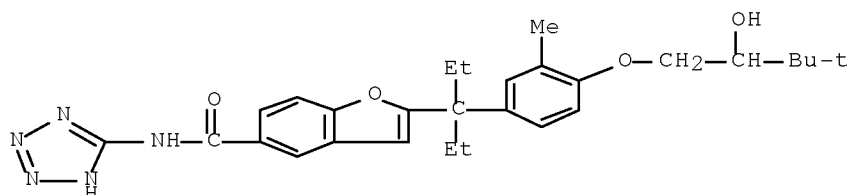
RN 853599-88-9 CAPLUS

CN 5-Benzofurancarboxamide, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-N,N-dimethyl- (CA INDEX NAME)



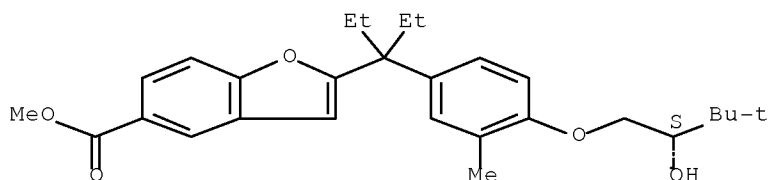
RN 853599-89-0 CAPLUS

CN 5-Benzofurancarboxamide, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-N-1H-tetrazol-5-yl- (9CI) (CA INDEX NAME)



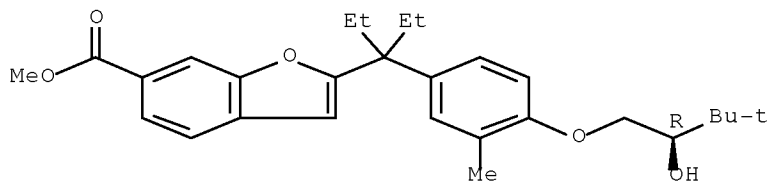
IT 853599-61-8P 853599-63-0P 853599-64-1P  
 RL: PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of substituted benzofuran vitamin d receptor modulators)  
 RN 853599-61-8 CAPLUS  
 CN 5-Benzofurancarboxylic acid, 2-[1-ethyl-1-[4-[(2S)-2-hydroxy-3,3-dimethylbutoxy]-3-methylphenyl]propyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



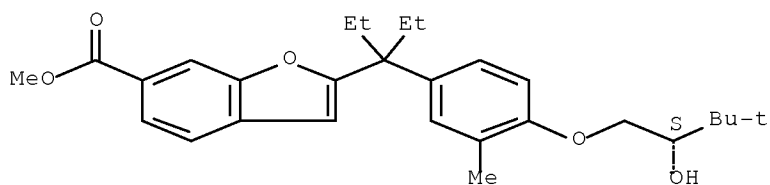
RN 853599-63-0 CAPLUS  
 CN 6-Benzofurancarboxylic acid, 2-[1-ethyl-1-[4-[(2R)-2-hydroxy-3,3-dimethylbutoxy]-3-methylphenyl]propyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 853599-64-1 CAPLUS  
 CN 6-Benzofurancarboxylic acid, 2-[1-ethyl-1-[4-[(2S)-2-hydroxy-3,3-dimethylbutoxy]-3-methylphenyl]propyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



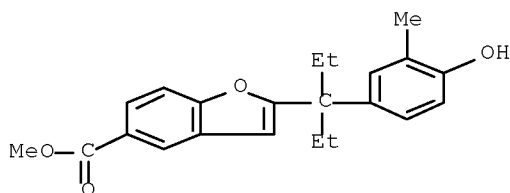
IT 853599-17-4P 853599-18-5P 853599-19-6P  
 853599-20-9P 853599-21-0P 853599-23-2P  
 853599-24-3P 853599-25-4P 853599-26-5P  
 853599-27-6P 853599-47-0P 853599-48-1P  
 853599-49-2P 853599-50-5P 853599-51-6P  
 853599-52-7P 853599-53-8P 853599-60-7P  
 853599-62-9P 853599-66-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of substituted benzofuran vitamin d receptor modulators)

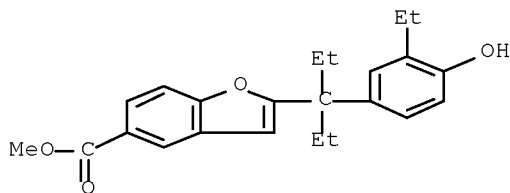
RN 853599-17-4 CAPLUS

CN 5-Benzofurancarboxylic acid, 2-[1-ethyl-1-(4-hydroxy-3-methylphenyl)propyl]-, methyl ester (CA INDEX NAME)



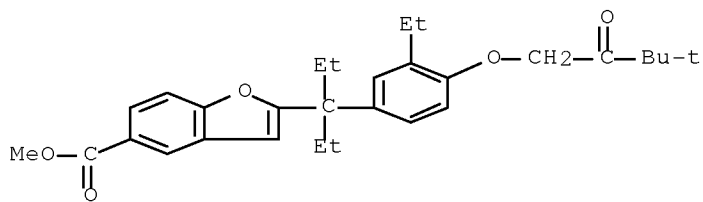
RN 853599-18-5 CAPLUS

CN 5-Benzofurancarboxylic acid, 2-[1-ethyl-1-(3-ethyl-4-hydroxyphenyl)propyl]-, methyl ester (CA INDEX NAME)



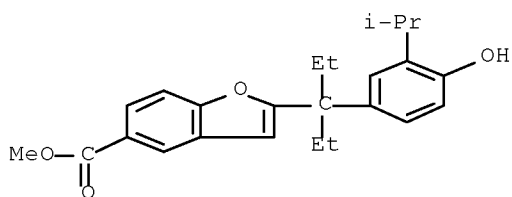
RN 853599-19-6 CAPLUS

CN 5-Benzofurancarboxylic acid, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-ethylphenyl]-1-ethylpropyl]-, methyl ester (CA INDEX NAME)



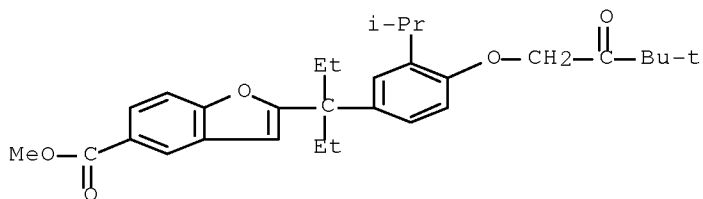
RN 853599-20-9 CAPLUS

CN 5-Benzofurancarboxylic acid, 2-[1-ethyl-1-[4-hydroxy-3-(1-methylethyl)phenyl]propyl]-, methyl ester (CA INDEX NAME)



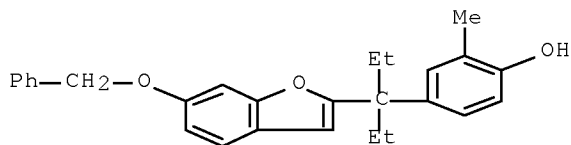
RN 853599-21-0 CAPLUS

CN 5-Benzofurancarboxylic acid, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-(1-methylethyl)phenyl]-1-ethylpropyl]-, methyl ester (CA INDEX NAME)



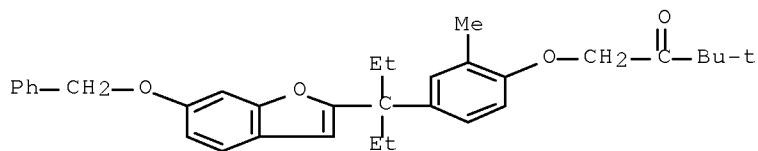
RN 853599-23-2 CAPLUS

CN Phenol, 4-[1-ethyl-1-[6-(phenylmethoxy)-2-benzofuranyl]propyl]-2-methyl- (CA INDEX NAME)



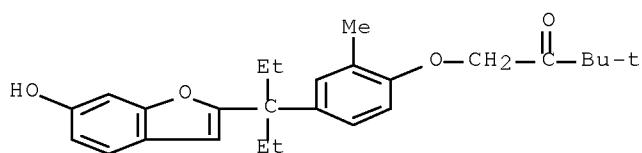
RN 853599-24-3 CAPLUS

CN 2-Butanone, 1-[4-[1-ethyl-1-[6-(phenylmethoxy)-2-benzofuranyl]propyl]-2-methylphenoxy]-3,3-dimethyl- (CA INDEX NAME)



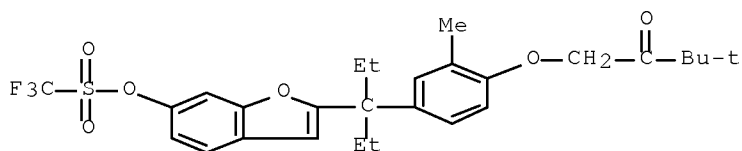
RN 853599-25-4 CAPLUS

CN 2-Butanone, 1-[4-[1-ethyl-1-(6-hydroxy-2-benzofuranyl)propyl]-2-methylphenoxy]-3,3-dimethyl- (CA INDEX NAME)



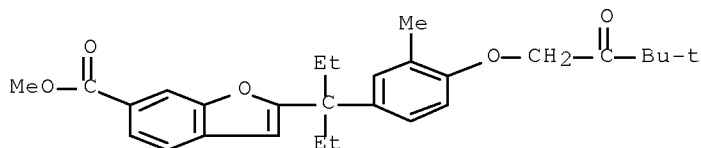
RN 853599-26-5 CAPLUS

CN Methanesulfonic acid, trifluoro-, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]-6-benzofuranyl ester (9CI) (CA INDEX NAME)



RN 853599-27-6 CAPLUS

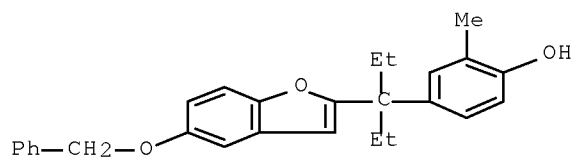
CN 6-Benzofurancarboxylic acid, 2-[1-[4-(3,3-dimethyl-2-oxobutoxy)-3-methylphenyl]-1-ethylpropyl]-, methyl ester (CA INDEX NAME)



RN 853599-47-0 CAPLUS

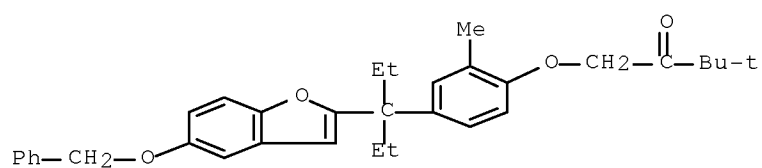
CN Phenol, 4-[1-ethyl-1-[5-(phenylmethoxy)-2-benzofuranyl]propyl]-2-methyl- (CA INDEX NAME)





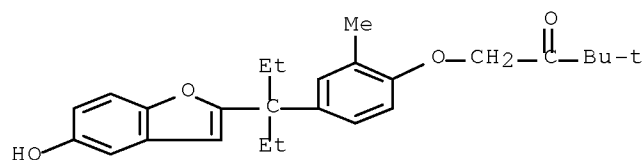
RN 853599-48-1 CAPLUS

CN 2-Butanone, 1-[4-[1-ethyl-1-[5-(phenylmethoxy)-2-benzofuranyl]propyl]-2-methylphenoxy]-3,3-dimethyl- (CA INDEX NAME)



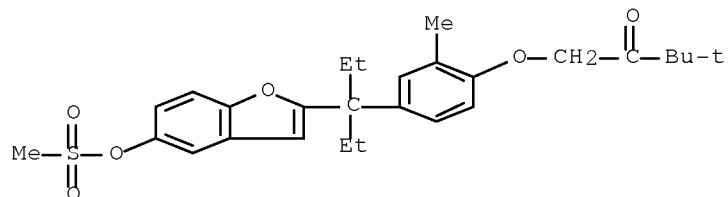
RN 853599-49-2 CAPLUS

CN 2-Butanone, 1-[4-[1-ethyl-1-(5-hydroxy-2-benzofuranyl)propyl]-2-methylphenoxy]-3,3-dimethyl- (CA INDEX NAME)



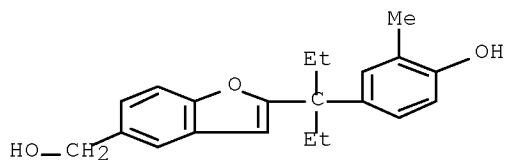
RN 853599-50-5 CAPLUS

CN 2-Butanone, 1-[4-[1-ethyl-1-[5-[(methylsulfonyl)oxy]-2-benzofuranyl]propyl]-2-methylphenoxy]-3,3-dimethyl- (CA INDEX NAME)



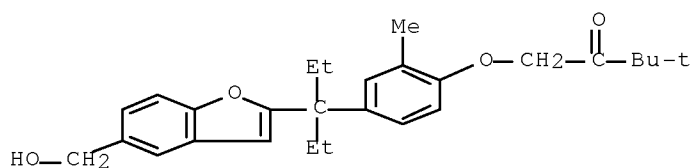
RN 853599-51-6 CAPLUS

CN 5-Benzofuranmethanol, 2-[1-ethyl-1-(4-hydroxy-3-methylphenyl)propyl]- (CA INDEX NAME)



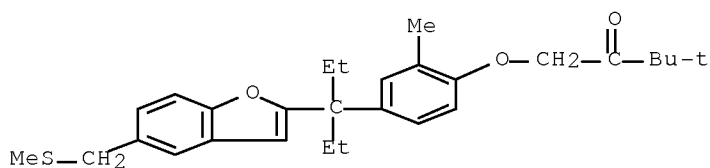
RN 853599-52-7 CAPLUS

CN 2-Butanone, 1-[4-[1-ethyl-1-[5-(hydroxymethyl)-2-benzofuranyl]propyl]-2-methylphenoxy]-3,3-dimethyl- (CA INDEX NAME)



RN 853599-53-8 CAPLUS

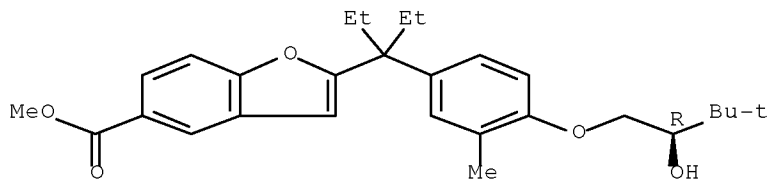
CN 2-Butanone, 1-[4-[1-ethyl-1-[5-[(methylthio)methyl]-2-benzofuranyl]propyl]-2-methylphenoxy]-3,3-dimethyl- (CA INDEX NAME)



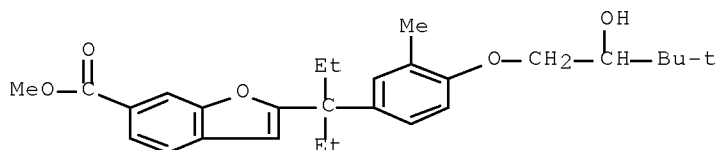
RN 853599-60-7 CAPLUS

CN 5-Benzofurancarboxylic acid, 2-[1-ethyl-1-[4-[(2R)-2-hydroxy-3,3-dimethylbutoxy]-3-methylphenyl]propyl]-, methyl ester (CA INDEX NAME)

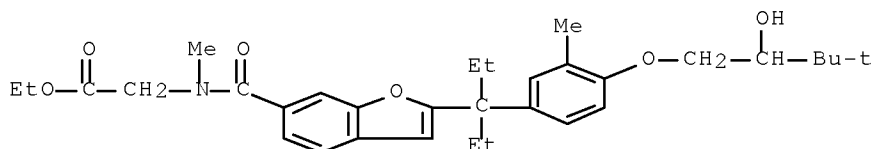
Absolute stereochemistry.



RN 853599-62-9 CAPLUS  
 CN 6-Benzofurancarboxylic acid, 2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-, methyl ester (CA INDEX NAME)



RN 853599-66-3 CAPLUS  
 CN Glycine, N-[[2-[1-ethyl-1-[4-(2-hydroxy-3,3-dimethylbutoxy)-3-methylphenyl]propyl]-6-benzofuranyl]carbonyl]-N-methyl-, ethyl ester (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1987:439794 CAPLUS [Full-text](#)  
 DOCUMENT NUMBER: 107:39794  
 TITLE: Preparation of hypoglycemic 2,4-thiazolidinediones  
 INVENTOR(S): Eggler, James F.; Holland, Gerald F.; Johnson, Michael  
 Ross; Volkmann, Robert A.  
 PATENT ASSIGNEE(S): Pfizer Inc., USA  
 SOURCE: PCT Int. Appl., 99 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

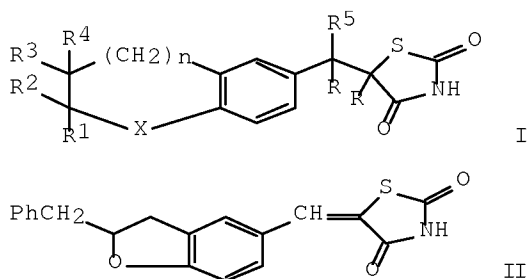
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8607056	A1	19861204	WO 1985-US962	19850521
W: FI, HU, NO, SU, US				
HU 45247	A2	19880628	HU 1985-3021	19850521
HU 210339	B	19950328		
EP 207605	A1	19870107	EP 1986-303648	19860514
EP 207605	B1	19900207		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 50256	T	19900215	AT 1986-303648	19860514
CA 1279320	C	19910122	CA 1986-509336	19860516

IL 78831	A	19901129	IL 1986-78831	19860519
DK 8602335	A	19861122	DK 1986-2335	19860520
AU 8657580	A	19870108	AU 1986-57580	19860520
AU 560179	B2	19870402		
ES 555147	A1	19870716	ES 1986-555147	19860520
ZA 8603762	A	19880525	ZA 1986-3762	19860520
DD 261154	A5	19881019	DD 1986-290390	19860520
JP 61271287	A	19861201	JP 1986-117127	19860521
JP 05086953	B	19931214		
CN 86104075	A	19870311	CN 1986-104075	19860521
CN 1007248	B	19900321		
PL 147479	B1	19890630	PL 1986-259633	19860521
US 4703052	A	19871027	US 1986-10081	19861229
FI 8700219	A	19870120	FI 1987-219	19870120
FI 89268	B	19930531		
FI 89268	C	19930910		
NO 8700241	A	19870320	NO 1987-241	19870120
NO 166448	B	19910415		
NO 166448	C	19910724		
SU 1556540	A3	19900407	SU 1987-4028918	19870120
AU 8775074	A	19871015	AU 1987-75074	19870702
AU 583991	B2	19890511		
IL 83214	A	19910718	IL 1987-83214	19870716
ES 557634	A1	19880716	ES 1987-557634	19870727
ES 557634	A5	19880812		

PRIORITY APPLN. INFO.:

WO 1985-US962	W	19850521
EP 1986-303648	A	19860514
IL 1986-78831	A	19860519

OTHER SOURCE(S): CASREACT 107:39794; MARPAT 107:39794  
GI



AB The title compds. [I; R = H; (R)2 = bond; R1 = H, pyridyl, furyl, thienyl, naphthyl, (un)substituted alkyl, cycloalkyl, Ph, etc.; R2 = H, Me; R3 = H, alkyl, PhCH2, (un)substituted Ph; R4 = H; R1R2, R2R3, R3R4 = alkylene; R5 = H, Me, Et; X = O, S, SO, SO2, etc.; n = 0-2] were prepared as hypoglycemic agents (no data). 2-HOC6H4CHO and BrCH2COPh were refluxed in DMF to give 2-benzoylbenzofuran, which was hydrogenated over Pd/C to give 2-benzyl-2,3-dihydrobenzofuran. The latter was formylated by treatment with TiCl4 and Cl2CHOME in CH2Cl2 at 0-5° and the resulting 5-formyl derivative was heated at 140° with 2,4-thiazolidinedione and NaOAc to give (benzofuranylmethylene)thiazolidinedione II.

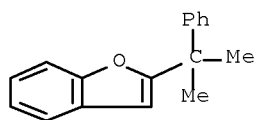
IT 109210-31-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reduction of)

RN 109210-31-3 CAPLUS

CN Benzofuran, 2-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



L11 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1979:455708 CAPLUS Full-text

DOCUMENT NUMBER: 91:55708

ORIGINAL REFERENCE NO.: 91:9019a,9022a

TITLE: Carbon-13 NMR spectra of some furocoumarins

AUTHOR(S): Bose, Ajay K.; Fujiwara, H.; Kamat, Vinayak S.;  
Trivedi, Girish K.; Bhattacharyya, Sasanka C.

CORPORATE SOURCE: Dep. Chem. Chem. Eng., Stevens Inst. Technol.,  
Hoboken, NJ, USA

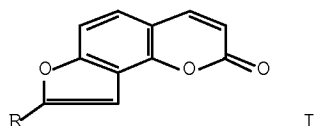
SOURCE: Tetrahedron (1979), 35(1), 13-16

CODEN: TETRAB; ISSN: 0040-4020

DOCUMENT TYPE: Journal

LANGUAGE: English

GI



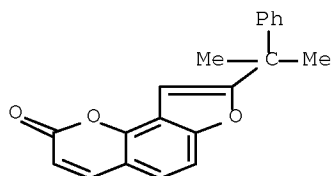
AB The <sup>13</sup>C NMR spectra of the naturally occurring furocoumarins I (R = H, CMe<sub>2</sub>OH) and derivs. I (R = CHMe<sub>2</sub>, CMe<sub>2</sub>Ph, CMe<sub>2</sub>C<sub>6</sub>H<sub>4</sub>OMe-4) were studied.

IT 55710-65-1P 55710-66-2P

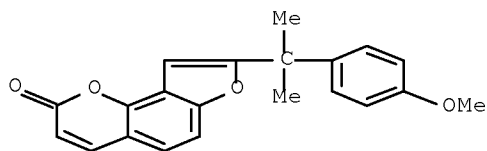
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(preparation and carbon-13 NMR of)

RN 55710-65-1 CAPLUS

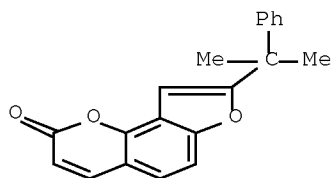
CN 2H-Furo[2,3-h]-1-benzopyran-2-one, 8-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



RN 55710-66-2 CAPLUS  
CN 2H-Furo[2,3-h]-1-benzopyran-2-one, 8-[1-(4-methoxyphenyl)-1-methylethyl]-  
(CA INDEX NAME)

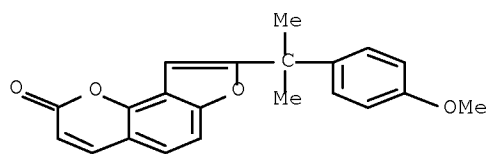


L11 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1975:170745 CAPLUS Full-text  
DOCUMENT NUMBER: 82:170745  
ORIGINAL REFERENCE NO.: 82:27281a,27284a  
TITLE: Structures of two dimers formed from oroselol with acids  
AUTHOR(S): Kamat, Vinayak S.; Audichya, Thakur D.; Trivedi, Girish K.; Bhattacharyya, Sasanka C.  
CORPORATE SOURCE: Dep. Chem., Indian Inst. Technol., Bombay, India  
SOURCE: Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1975), (3), 204-8  
CODEN: JCPRB4; ISSN: 0300-922X  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
GI For diagram(s), see printed CA Issue.  
AB Addnl date considered in abstracting and indexing are available from a source cited in the original document. Oroselol (I), a furocoumarin extracted from Selinium vaginatum, with acid formed dimers II and III via a carbonium ion and subsequent condensation with oroselone (IV). This mechanism was supported by the formation of V-VII from I in the presence of Lewis acids.  
IT 55710-65-1P 55710-66-2P 55710-67-3P  
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)  
RN 55710-65-1 CAPLUS  
CN 2H-Furo[2,3-h]-1-benzopyran-2-one, 8-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



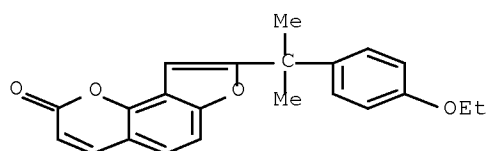
RN 55710-66-2 CAPLUS  
CN 2H-Furo[2,3-h]-1-benzopyran-2-one, 8-[1-(4-methoxyphenyl)-1-methylethyl]-

(CA INDEX NAME)



RN 55710-67-3 CAPLUS

CN 2H-Furo[2,3-h]-1-benzopyran-2-one, 8-[1-(4-ethoxyphenyl)-1-methylethyl]-  
(CA INDEX NAME)



=> logoff h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
34.14	264.47

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-4.80	-4.80

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 18:55:07 ON 07 MAR 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptanscl625

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'CAPLUS' AT 18:58:38 ON 07 MAR 2008  
FILE 'CAPLUS' ENTERED AT 18:58:38 ON 07 MAR 2008  
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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
34.14	264.47

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-4.80	-4.80

=> d his

(FILE 'HOME' ENTERED AT 18:40:05 ON 07 MAR 2008)

FILE 'REGISTRY' ENTERED AT 18:40:17 ON 07 MAR 2008

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L1          STRUCTURE UPLOADED
L2          3 S SSS SAM L1
L3          STRUCTURE UPLOADED
L4          0 S SSS SAM L3
L5          107 S SSS FULL L3
            SAVE L5 LU10579564/A
L6          STRUCTURE UPLOADED
L7          0 S SSS L6 SAM SUB=L5
L8          38 S SSS L6 FULL SUB=L5
L9          69 S L5 NOT L8

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FILE 'CAPLUS' ENTERED AT 18:53:23 ON 07 MAR 2008

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L10         1 S L8
L11         5 S L9

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=> activate LU10579564/A

ANSWER SET WAS CREATED IN FILE 'REGISTRY'.

An answer set can be activated only in the same file in which the search was done. Use the FILE command to switch to the correct file. Then enter ACTIVATE.

ACTIVATE QUERY ONLY? (Y)/N:y

```

L12         STR
L13         QUE ABB=ON PLU=ON L12

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=> delete LU10579564/A

DELETE LU10579564/A? (Y)/N:y

LU10579564/A DELETED

=> save temp 15 LU10579564/A

ANSWER SET NOT SAVED.

THE ANSWER SET WAS CREATED IN FILE 'REGISTRY'.

USE THE FILE COMMAND TO CHANGE TO THE CORRECT FILE.

Answer sets must be saved in the same file in which they were created.

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	35.58	265.91

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-4.80	-4.80

FILE 'REGISTRY' ENTERED AT 19:00:43 ON 07 MAR 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.



STRUCTURE FILE UPDATES: 6 MAR 2008 HIGHEST RN 1006950-27-1  
DICTIONARY FILE UPDATES: 6 MAR 2008 HIGHEST RN 1006950-27-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=> activate LU10579564/A  
'LU10579564/A' NOT FOUND

The name that you entered was not found in the list of saved queries,  
answer sets, or L# lists for this loginid. Enter "DISPLAY SAVED" at  
an arrow prompt (=>) to see a list of all saved queries, answer sets,  
and L# lists for this loginid. To see the names of all SDI profiles,  
enter "DISPLAY SAVED/S". To see the names of all BATCH search  
requests, enter "DISPLAY SAVED/B".

=> save temp 15 LU10579564/A  
ANSWER SET L5 HAS BEEN SAVED AS 'LU10579564/A'

=> logoff y		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.46	266.37
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-4.80

STN INTERNATIONAL LOGOFF AT 19:01:21 ON 07 MAR 2008